

# Future Experiment



## $^{48}\text{Ca}$ enrichment



R&D for next CANDLES system



Under development  
for a large amount of  $^{48}\text{Ca}$



## CANDLES IV ~



$^{48}\text{Ca}$  enrichment



Cooling system ( $\sim 3^\circ\text{C}$ )  
for good energy resolution



## Schedule

2014

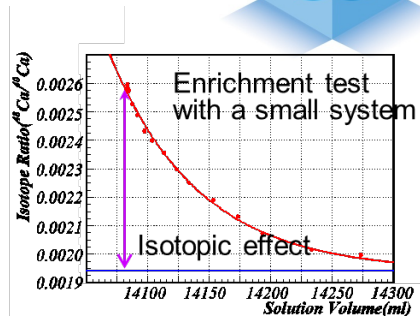
2015

2016

CANDLES III

Test of Cooling System

Next CANDLES



Measurement  
at Kamioka Lab.  
sensitivity  $0.5\text{eV}$

$^{48}\text{Ca}$  enrichment  
Construction of detector  
... not funded yet